



## REFLECTED DEVELOPED ELEVATION

A.P. = ANGLE POINT

### GENERAL NOTES

(FOR SOLDIER PILES WITH P.G.A.)

- ALL MATERIAL AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION-ENGLISH, DATED 2010, AND AMENDMENTS.
- THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS - 4TH EDITION - 2007 WITH INTERIMS THRU 2009.
- W SECTION STEEL SOLDIER PILES SHALL CONFORM TO ASTM A992. HP SECTION STEEL SOLDIER PILES SHALL CONFORM TO ASTM A572. SOLDIER PILES SHALL BE PAINTED TO THE LIMITS SHOWN IN THE PLANS IN ACCORDANCE WITH SECTION 6-16.3(4).
- PLATES FOR THE SOLDIER PILE ASSEMBLY STIFFENER SHALL CONFORM TO ASTM A572 GR. 50. THE 8"Ø EXTRA STRONG PIPE SHALL CONFORM TO THE REQUIREMENTS OF ASTM A53 GR. B.
- ALL WELDING SHALL BE DONE TO MINIMIZE DISTORTION. THE WELDING SEQUENCES AND PROCEDURES TO BE USED SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO THE START OF WELDING.
- UNLESS OTHERWISE SHOWN IN THE PLANS, THE CONCRETE COVER MEASURED FROM THE FACE OF THE CONCRETE TO THE FACE OF ANY REINFORCING STEEL SHALL BE 1 $\frac{1}{2}$ ".
- ALL DIMENSIONS ARE HORIZONTAL AND VERTICAL UNLESS OTHERWISE SHOWN.
- EXISTING GROUND LINE IS APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR IN THE FIELD.
- PERMANENT GROUND ANCHOR LOCK OFF LOAD = 60 PERCENT OF FACTORED DESIGN LOAD.

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## SOLDIER PILE/TIEBACK WALL

Bridge Design Engr.	M:\STANDARDS\Wall\8\SOLDIER TIEBACK ELEV.MAN									
Supervisor					REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS	
Designed By					10	WASH.				
Checked By					JOB NUMBER					
Detailed By										
Bridge Projects Engr.										
Prelim. Plan By										
Architect/Specialist	DATE	REVISION	BY	APPD						

Wed Oct 27 10:45:26 2010

BRIDGE  
AND  
STRUCTURES  
OFFICE



Washington State  
Department of Transportation

SOLDIER PILE/TIEBACK WALL  
ELEVATION

BRIDGE  
SHEET  
NO.  
  
SHEET  
  
OF  
  
SHEETS